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P645QUADO



User's instruction manual

This manual contains important information about the safe installation and use of this product
Please read this instruction manual carefully before installing or operating
Please keep these instructions in a safe place for future reference

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Congratulations on the purchase of your P645QUADO by Light Emotion. We are confident that you will be satisfied with your purchase. We have prepared this manual to assist you with the care and operation of this item. This product uses 15 4in1 5W LEDs to produce vivid colours that the user can control in many ways. The unit incorporates new lens technology which produces a narrower, more concentrated beam allowing fewer LEDs to be used to give a brighter effect. The unit features thermal cut-out, so it will shut down if its interior temperature reaches 85 degrees C – this will prevent damage to the product in the event of a problem.

Please note that as part of our ongoing commitment to continuous improvement and product development, the specifications in this manual are subject to change without notice. Whilst every care has been taken in the preparation of this manual we reserve the right to change specifications in the course of product improvement.

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WHAT IS INCLUDED:

CAUTION: Do not use sharp objects whilst unpacking this product

- 1 x P645QUADO
- 1 x Warranty card
- 1 x User manual
- 1 x 5 Meter power cable with normal Australian plug,
- 1 x 1 Meter DMX adaptor cable with female IP plug and male XLR plug,
- 1 x Female DMX end cap
- 1 x Male DMX end cap
- 1 x Female power end cap
- Do not include IR remote controller P645QUADOR.

Please note: Some of the items above may be fitted to the product by the manufacturer.

SAFETY INSTRUCTIONS:

Please read these instructions carefully. It includes important information about the installation usage and maintenance of this product.

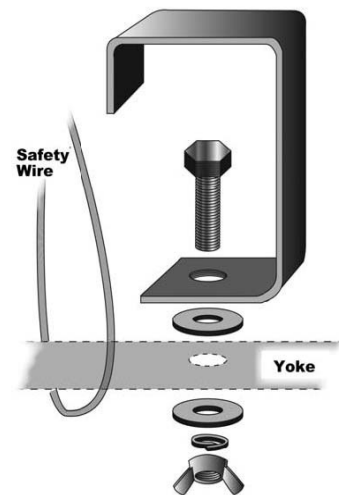
- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on the rear panel of the fixture.
- This is an IP65 rated outdoor fixture. To prevent damage to the waterproof seal, do not pull the product apart yourself. Refer to qualified person.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surface. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse source.
- Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Never connect the device to a dimmer pack.
- Make sure power cord is never crimped or damaged.
- Never disconnect power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.

INSTALLATION:

CAUTION: For safe mounting, read the following instructions carefully:

- Use suitable hook clamps for hanging the lighting effect.
- Use a safety wire with a breaking strain of more than double the lighting effect.
- Do not look directly into the light source.
- Make sure the lighting effect has suitable ventilation as per the instructions below.
- This lighting effect is intended for indoor use only to avoid electrical shock keep away from rain and moisture.
- Keep unit out of reach from children.



NOTE: Use washers and spring washers when attaching your hook clamp to the yoke.

1. For installation of the hook clamps and safety wire.
2. This lighting effect must be 0.5m away from any flammable materials or any walls or ceilings.
3. Do not block or inhibit the air flow from the ventilation vents.

MAINTENANCE & PERIODIC CHECKS:

CAUTION: Some maintenance and checks may require the product to be opened and should only be done by qualified persons. Warranty may be void if damage has been caused by improper maintenance. Perspex lenses should be wiped with a clean moist cloth to remove dust and residue.

POWER:

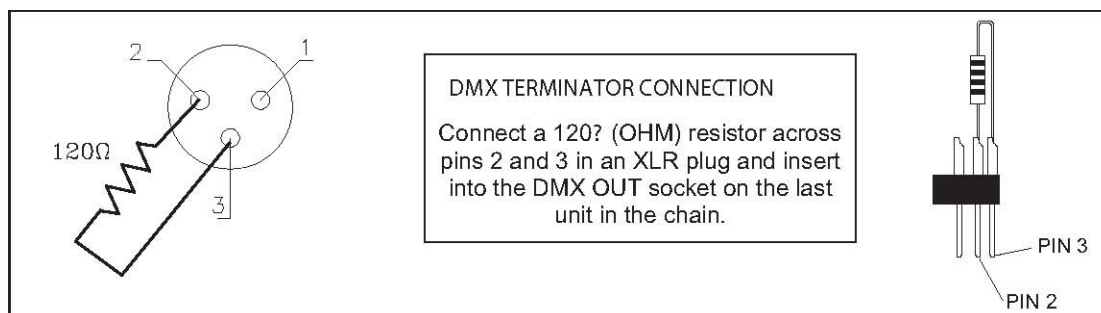
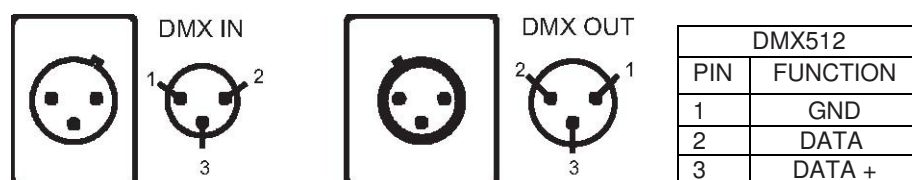
CAUTION: This lighting effect is designed to operate at 110-240V 50Hz/60Hz.

Connect the supplied power lead to the lighting effect Power input socket.

Power Consumption: 95W.

DMX LEAD:

The DMX lead is used to link up multiple units.



DMX TERMINATOR:

A DMX terminator helps to reduce 'noise' on the DMX chain, and makes the light respond to control more accurately. It should be plugged in to the last fixture in any chain.

OPERATION:

The IR remote can control the outdoor LED bar 4IN1 fixture; you must aim the controller at the front of the fixture and no more than 10 meter away.

NOTE: IR remote is ready to control the light which is in any working mode.

Recover to manufactory setting:

Press SET ADDR, and press 9510, unit will back to manufactory setting, run at auto run mode.



Black Out mode:

Press “BLACK OUT” to turn the LED lights on/off.

Select program Mode:

Use PROG button to select auto run mode / built in programs mode. LEDs will indicate you current mode. When red LEDs are on after you press PROG, unit is in built in programs mode. When green LEDs are on after you press PROG, unit is in auto run mode.

1. Select built-in programs.

Press PROG to select built in program mode (red LEDs should light on), then use “+” or “-” to select 12 built-in programs. You can also press FLASH to set the program fade speed and then press “+” or “-” to adjust it. Press SPEED to set the program running speed and then press “+” or “-” to adjust it.

NOTE: “Pr.01” is static color program. There are 15 colors to choose. Press the SPEED button to enter the static color submenu, and then pressing “+” and “-” buttons to scroll through the static colors.

Program 01: static color.

Program 02: Fifteen color slow dream.

Program 03: Fifteen color fade change.

Program 04: Fifteen color jumping.

Program 05: Fifteen color signal direction flow.

Program 06: Fifteen color double direction flow.

Program 07: Fifteen color signal direction flow+ dream 1.

Program 08: Fifteen color signal direction flow+ dream 2.

Program 09: Signal direction section flow 1.

Program 10: Signal direction section flow 2.

Program 11: Double direction section flow.

Program 12: Fifteen color mixing.

Select auto run mode:

Press PROG to select color change mode (green LEDs should light on), then use “+” and “-” to select color changing speed.

Color dreaming mode:

Press PROG to select color dreaming mode (blue LEDs should light on), then use “+” or “-” to select the color dreaming speed.

Master and slave mode:

Press SLAVE/SA button to set the LED light to slave mode.

Manual colour mode:

Press R/G/B/W to choose the four different colors, then press “+” and “-” to adjust brightness of RGBW individually.

DMX MODE:

You must set the DMX Channel mode before you set your DMX address.

1) Set DMX mode:

Press the DMX mode button, then RGBW LEDs will flash 2-3 times then press the “+” or “-” buttons to select different DMX address. You also can press SET ADDR to set up DMX address.

2) Set DMX address:

Press SET ADDR, then use number button to set DMX address. You must use three digits for your DMX address.

For example, you want to set DMX address to 012

- Press SET ADDR, then RGBW LEDs will flash 2-3 times. Then the red LEDs will stay on and wait your first digit.
- Press the first digit 0, then the green LEDs will stay on and wait your second digit.
- Press the second digit 1, then the blue LEDs will stay on and wait your third digit.
- Press the third digit 2, then RGBW LEDs will flash 2-3 times to confirm your setting. Unit will automatic in DMX mode.
- When you enter wrong DMX address, red LEDs will on. You have to re set again.

DMX chart:

CH7			CH6	CH5	CH4	CH3	CH2	CH1				
MODE	DMX VALUE	FUNCTION										
1	0-3	No function	Strobe 11-255 (slow→quick)	Dimming 0-255 (dim→bright)	White 0-255 (dim→bright)	Blue 0-255 (dim→bright)	Green 0-255 (dim→bright)	Red 0-255 (dim→bright)				
2	4-17	Red			No function	No function	No function	No function	No function			
3	18-31	Green										
4	32-45	Blue										
5	46-59	White										
6	60-73	R+G										
7	74-87	R+B										
8	88-101	R+W										
9	102-115	G+B										
10	116-129	G+W										
11	130-143	B+W										
12	144-157	R+G+B										
13	158-171	R+G+W										
14	172-185	R+B+W										
15	186-199	G+B+W										
16	200-213	R+G+B+W										
17	214-227	Color change			Speed 0-255 (slow→quick)							
18	228-241	Color dreaming										
19	242-255	Auto run										

Note: R---red G---green B---blue W---white

SPECIFICATION:

- Weight: 6.2kg
- Size: 28.5×21×31.5cm
- Power input: AC100V-240V/50HZ-60HZ
- Wattage: 95W
- LEDS: 15PCS 5W (4 in one)
- Beam angle of LEDS: 40 degree
- 3PIN female and male XLR socket,4PIN female and male power socket
- 4-button LED digital display
- IR remote available
- IP rate: IP 65

